20001207.qrp v02_n029.qrl.20001207

Date: Thu, 7 Dec 2000 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2029

QRP-L Digest 2029

Topics covered in this issue include:

  1) [85615] Trade LDG AT-150 Autotuner for HTX-10 or same.
     by "Kelly Ellison" <kelman@dialnet.net>
  2) [85616] Emtech -website change
     by Scott Gregson - KC7MAS <emtech@steadynet.com>
  3) [85617] Loop experience and advice
     by "Stuart Rohre" <rohre@arlut.utexas.edu>
  4) [85618] Trade LDG Correction. not AT-150.
     by "Kelly Ellison" <kelman@dialnet.net>
  5) [85619] FOX--Cub announcement for Tonite?
     by Kenneth Hoglund <hoglund@wfu.edu>
  6) [85620] NEQRP WQ1RP CW Net, Thursday, 7 Dec 00, 9:00 PM EST, 3.561 MHz
     by "Chuck Ludinsky" <ludinsky@ultranet.com>
  7) [85621] Re: Best antenna bet for 80 meters.
     by "Bob Tellefsen" <n6wg@earthlink.net>
  8) [85622] TVI and balanced line
     by "Stuart Rohre" <rohre@arlut.utexas.edu>
  9) [85623] For Sale
     by "Jay Bromley" <w5jay@alltel.net>
 10) [85624] RE:Sale PSK-20
     by "Jay Bromley" <w5jay@alltel.net>
 11) [85625] Thanks to all for help on NA5N's Book
     by Ronnie Davis <ke4vpn@yahoo.com>
 12) [85626] FOX Cub Fox??
     by "Karl F. Larsen" <k5di@zianet.com>
 13) [85627] Re: Good [vital] Information for FYBO Contest
     by "Ron Polityka" <wb3aal@fast.net>
 14) [85628] Re: FOX Cub Fox??
     by "Michael Melland" <badger@vbe.com>
 15) [85629] FOX: Anyone hear the fox?
     by "Ken Kirkley" <ogbc@mindspring.com>
 16) [85630] Re: Best antenna bet for 80 meters.
     by Steve Yates - AA5TB <aa5tb@arrl.net>
 17) [85631] Re: FOX: Anyone hear the fox?
     by Macstein@aol.com
 18) [85632] Re: Advice on Loop
     by Rick McKee <kc8aon@juno.com>
 19) [85633] Re: Advice on Loop

by Rick McKee <kc8aon@juno.com>
20) [85634] Re: Advice on Loop
by "John Moriarity" <k6qq@hdo.net>
21) [85635] Re: EPA Calendar
by Bill Stietenroth <k5zty@juno.com>
22) [85636] Re: [fpqrp] Pointers in Orange County and Palm Springs?
by "Carlos J. Caro" <cjcaro@nail.com>
23) [85637] NK6A FOX for Thursday
by Don Minkoff <cowchip@mediaone.net>
24) [85638] RE: Sale PSK-20 it's gone
by "Jay Bromley" <w5jay@alltel.net>
25) [85639] StripboardMagic
by "Nico Vertriest" <nvcw@village.uunet.be>
26) [85640] Contest Calendar 2001 for the QRPers
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
27) [85641] Re: Advice on Loop
by "pschweitzer" <pschweitzer@netzero.net>
28) [85642] Lost another possible QRP'er
by "George Lee" <georgekr5c@cablelynx.com>
29) [85643] Re: Lost another possible QRP'er
by Dave Fifield <fifield@pacbell.net>
30) [85644] FOX: Log for 12/5 N7CQR
by Dan Presley <talljazz@teleport.com>
31) [85645] Re: StripboardMagic
by "Leon Heller" <leon_heller@hotmail.com>
32) [85646] www.5watt.com needed States/Providences
by "Brian L. Lewis" <bl@csi.com>
33) [85647] Re: TVI and balanced line
by "Pastor-KC1DI" <elbc@pivot.net>
34) [85648] LOOPS . . . More Advice PSE . . .
by John R Kirby <n3aaz-qrp@juno.com>
35) [85649] Ladderline
by hamjoel@juno.com
36) [85650] LOOPS
by "DONALD G. DORN" <DDORN@CWIS.NET>
37) [85651] Re: FOX Cub Fox??
by "Brian" <brian@iquest.net>
38) [85652] Antennas and reality
by K5BDZ@aol.com
39) [85653] Re: Antennas and reality
by WB9MII@aol.com
40) [85654] Re: Antennas and reality
by "Mike Yetsko" <myetsko@insydesw.com>
41) [85655] Fw: TVI and balanced line
by "Walter D Amos" <waltk8cv@surfree.com>
42) [85656] Palm OS contest logger?
by Bruce Grubbs <n7ceeqrp@earthlink.net>
43) [85657] RE: FYBO Rules

    by Bob Hightower <nk7m@extremezone.com>
44) [85658] FPqrp Truffle Hunt tonight!
    by Shephed@aol.com
45) [85659] W8KC Virtual Ten*Tec Museum
    by "Paul R. Valko" <prvalko@oakland.edu>
46) [85660] RE: Kenwood TS-830
    by "AI2Q Alex" <ai2q@ispchannel.com>
47) [85661] Re: Advice on Loop
    by "Bob Duckworth" <wb4mnf@atl.org>
48) [85662] Re: Antennas and reality
    by w0av@juno.com
49) [85663] TT2 and SOP Kits are retired
    by "George Heron N2APB" <n2apb@erols.com>
50) [85664] RE: Antennas and reality
    by "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
51) [85665] Re: Advice on Loop
    by "Bob Duckworth" <wb4mnf@atl.org>
52) [85666] USS Wisconsin Special Event
    by morehouset@tncc.cc.va.us
53) [85667] wtb: sw20
    by Gary Slagel <gdslagel@yahoo.com>
54) [85668] Free ..... logging software!
    by "Walter D Amos" <waltk8cv@surfree.com>
55) [85669] Re: Palm OS contest logger?
    by Phil Wheeler <w7ox@earthlink.net>
56) [85670] WTB: SW-160
    by Frank W Henrikson <kl0sw@pobox.alaska.net>
57) [85671] Re: Free ..... logging software!
    by Doug Simpson <dsimpson@darkwing.uoregon.edu>
58) [85672] Was Palm Logging - Ham Radio and the Palm OS
    by Michael Melland <badger@vbe.com>
59) [85673] The QRP Challenge
    by Jerry Parker <jparker@fix.net>
60) [85674] Ham Palm Software URL..... ooops
    by Michael Melland <badger@vbe.com>
61) [85675] anttennas
    by "Steven Weber" <kd1jv@moose.ncia.net>
62) [85676] Results of the DECEMBER SPARTAN SPRINT
    by Russ Carpenter <russ@natworld.com>
63) [85677] Dec. 7, 1941 W1AW message
    by "Richard E. Robinson" <rerobins@email.uncc.edu>
64) [85678] Re: Results of the DECEMBER SPARTAN SPRINT
    by Macstein@aol.com
65) [85679] FS: Small MFJ Random Wire Tuner/ audio filter
    by "Tim Cook" <timcook@erinet.com>
66) [85680] Re: anttennas
    by Bill Coleman <aa4lr@arrl.net>
67) [85681] help with cable ID pls

    by "Rod Cerkoney" <n0rc@hotmail.com>
 68) [85682] Loops, Ladder Line, BALUNs and TVI (long ...)
    by "Tracy" <tracy@bytemark.com>
 69) [85683] For Sale: QRP Rigs
    by SABorns@aol.com
 70) [85684] Re: help with cable ID pls
    by "Rod Cerkoney" <n0rc@hotmail.com>
 71) [85685] Now Showing: The ARS Sojourner
    by Richard Fisher <ki6sn@yahoo.com>
 72) [85686] RE: Lost another possible QRP'er
    by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
 73) [85687] RE: FYBO Rules
    by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
 74) [85688] QRP Stocking Stuffers
    by "John P. Cummins, Sr." <jpcummins@att.net>
 75) [85689] [Cub Fox] Any make-up
    by Michael Melland <badger@vbe.com>
 76) [85690] [Cub Fox] Make-up Session ?
    by Michael Melland <badger@vbe.com>
 77) [85691] coax connectors
    by "Rod Cerkoney" <n0rc@hotmail.com>
 78) [85692] RE: FYBO Rules
    by Bob Hightower <nk7m@extremezone.com>
 79) [85693] pacemaker - RF
    by Elda & Doug Wilson <ewilson@nccn.net>
 80) [85694] RE: pacemaker - RF
    by Rich Mulvey <mulveyr@iname.com>
 81) [85695] RE: pacemaker - RF
    by "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
 82) [85696] N/T Ops in FYBO
    by Bob Hightower <nk7m@extremezone.com>
 83) [85697] Pacemakers and RF
    by K1OJ <k1oj@ditdit.com>
 84) [85698] 10M PSK31 activity
    by "Larry Wise" <lewise@txwises.com>
 85) [85699] re - RF and pacemakers
    by Barry Tepperman <btepp@pacbell.net>

Date: Wed, 6 Dec 2000 18:16:42 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <QRP-L@LEHIGH.EDU>
Subject: [85615] Trade LDG AT-150 Autotuner for HTX-10 or same.
Message-ID: <004c01c05fe2$fad6c280$95c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

    Trade LDG AT-150. LDG/Tentec Case. Works fine. Will tune QRP levels also.

Looking to trade Autotuner for HTX-10, or other 10 meter monoband rig.
Reply direct at kelman@dialnet.net

Thank you,

Kelly Ellison - WB0WQS
QRP-L #702.

Date: Wed, 06 Dec 2000 16:24:56 -0800
From: Scott Gregson - KC7MAS <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [85616] Emtech -website change
Message-ID: <3A2ED8D7.38F89B33@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I finally got the Secure server set up on the Emtech site. I hope that the update makes increases the useability of the site. I also redesigned the "printable" order form so that it is "really" printable.

--
Scott Gregson - KC7MAS
emtech@steadynet.com
http://emtech.steadynet.com
++++++++++++++++++
Scott Gregson Co. / Emtech / CFC

Date: Wed, 6 Dec 2000 18:30:17 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <listsubs@sintezo.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [85617] Loop experience and advice

Message-ID: <00ba01c05fe4$df81ecb0$5ac07481@rohredt2000>

Steve,
I would put up the whole amount of wire. Feed this with 450 ohm line, from a balun and transmatch.

We put up a loop of about twice that for Field Day at W5KA, ssb, and had excellent results on those bands we found most in use. We did not try it on 80M until very late Sat. night of FD, and the other stations were having summer thunderstorm static which hampered their hearing. We heard them fine, as the loop was better than an electric field dipole would have been.

It really burned up the airwaves on 40 to 10. On 40 at night, it attenuated the European Broadcast stations skip signals, as it was only 20 feet up. But, it had terrific DX signals into HI of the Pacific section on 15M, and 20M, and of course those are the workhorse bands for Field Day down here. We fed ours at the corner, having made it a skinny triangle, (horizontal delta loop). Used 450 ohm ladder line, simply attached to wire pigtails at the insulator with wire nuts. That is our standard ladder line attachment technique. Just make sure the narrow end of the wire nut is up to shed water!

We had never used a large loop and all were suitably impressed what even a low loop would do. It was good for all the sections of North America, which is the Field Day objective, did Pacific section as well, and was far more than a cloud warmer. Later modeling by two programs confirmed the main lobes were to the directions where we had the longer sides and off the west and east end of the unsymmetrical loop. If you can put yours up with equal sides, it will be omni in coverage. Good Luck,
72, Stuart K5KVH

Date: Wed, 6 Dec 2000 18:33:04 -0600
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-l@lehigh.edu>
Subject: [85618] Trade LDG Correction. not AT-150.
Message-ID: <007c01c05fe5$449f1640$95c9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Trade LDG AT-11. LDG/Tentec Case. Works fine. Will tune QRP levels also.

Looking to trade Autotuner for HTX-10, or other 10 meter monoband rig.
Reply direct at kelman@dialnet.net

Thank you,

Kelly Ellison - WB0WQS

Date: Wed, 06 Dec 2000 19:38:46 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85619] FOX--Cub announcement for Tonite?
Message-ID: <3A2EDC16.42530A78@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Maybe its just me, but I've checked my in-box and my trash file and
didn't see anything about the Cub for tonight. Did I miss it? If so, can
someone send it to me?

Ken KG4FGC

Date: Wed, 6 Dec 2000 19:57:12 -0500
From: "Chuck Ludinsky" <ludinsky@ultranet.com>
To: <qrp-l@lehigh.edu>
Subject: [85620] NEQRP WQ1RP CW Net, Thursday, 7 Dec 00, 9:00 PM EST, 3.561 MHz
Message-ID: <200012070045.TAA01817@ligarius-fe0.ultra.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

This week's New England QRP Club CW net will meet on 80M on or around 3.561
MHz. The net will meet on Thursday, 7 December, at 9:00 PM EST (0200Z, 8
Dec). Net control op for this week's session will be John, K1RC.

Please stop by and say hello to John and everyone on the net. We're
expecting excellent conditions here in the Northeast on 80M

Last week's 40M net on an "off" week had three participants:

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  WA1JXR        Greg             Lancaster, MA
   KK4R            Bob              Yorktown, VA
   K1CL            Chuck           Chelmsford, MA (net op)
```

Bob was 599, but Greg was way down -- 229 to 339, at best. Perhaps the poor propogation locally on 40M affected the turnout.

72 DE K1CL,
Chuck.

Date: Wed, 6 Dec 2000 16:51:59 -0800
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [85621] Re: Best antenna bet for 80 meters.
Message-ID: <000301c05fe7$e9256500$3708b73f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So far as I know, LDG doesn't have weather proof models. However, a good plastic housing can be had cheaply at K Mart, Costco, almost anywhere that has household goods for sale. I use them to protect my antenna matching units, rather than leave them out in the weather. When the plastic breaks down eventually under UV from the sun, it is cheap to replace.
73, Bob N6WG

Date: Wed, 6 Dec 2000 18:55:19 -0600
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <pschweitzer@netzero.net>
Cc: <qrp-l@Lehigh.EDU>
Subject: [85622] TVI and balanced line
Message-ID: <00cc01c05fe8$5eac85b0$5ac07481@rohredt2000>

450 ohm window line as sold today is the lowest loss feedline you can use of the commercial balanced lines and small coaxes. FAR BETTER than RG 58 coax. (Commercial open wire line is no longer made).

It is an old wives tale that a parallel line will cause TVI. A PROPERLY set up balanced line cancels the fields around it within a short distance of the wire. Why do you think it is called "balanced line"? TVI may be from a number of causes, not ladder or twin lines.
I would look for fundamental overload of the TV, use of unbalanced or end

fed antenna, etc. There may be an RF ground loop to the TV. TV might have been on the same electrical branch circuit, etc.

You do have to keep ladder lines at right angles, center fed to a dipole. You do have to space them at right angles to metal such as gutters, on standoffs if possible, but this is to keep from unbalancing them. Twisting every couple of feet helps keep ladder line from outside conductors influence, as both wires will be equally unaffected by the twist allowing both to "see" the influence.

See the several other posts about large loops. When symmetric, they are omni coverage, while dipoles are good but only in two main directions, if elevated to optimum height. A large loop is not a cloud warmer, it can have multiple take off angles both high and low. If you cannot put a dipole up at quarter wave or better, and if you want multiple bands, and can provide 3 or four supports for the corners, a loop or delta is an excellent investment when you have the space to have at least a wavelength circumference on the lowest band of interest.

73, Stuart K5KVH

Date: Wed, 6 Dec 2000 19:05:46 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Cc: "William Winscott" <n6cha@ipa.net>, "Steve Lowrey" <snlowrey@alltel.net>, "Royce Rainwater" <ke5tc@crosstel.net>, "Richard Donovan" <n5xm@alltel.net>,
     "Randy Holden" <Randy_Holden@hotmail.com>, "Randy Baggett" <kg5ne@cei.net>, "Nicholas Kennedy" <nkenned@entergy.com>, "Mose Howard" <moseh@ipa.net>,
Subject: [85623] For Sale
Message-ID: <000e01c05fe9$ddc0e980$059b66a6@w5jay>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang Hi,
I have the following items for sale:

MFJ-432 Voice Keyer
as new $75 or best offer
Shipped

AEA DM-1 Deviation Meter
$100 Shipped OBO

ANC-4 Antenna noise canceller by
JPS $150 OBO shipped

PSK-31 $100 OBO shipped

ph-501-651-7012

Thanks and 73 de w5jay..

Date: Wed, 6 Dec 2000 19:28:08 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Cc: "William Winscott" <n6cha@ipa.net>, "Steve Lowrey" <snlowrey@alltel.net>,
"Royce Rainwater" <ke5tc@crosstel.net>, "Richard Donovan" <n5xm@alltel.net>,
     "Randy Holden" <Randy_Holden@hotmail.com>, "Randy Baggett" <kg5ne@cei.net>,
"Nicholas Kennedy" <nkenned@entergy.com>, "Mose Howard" <moseh@ipa.net>,
Subject: [85624] RE:Sale PSK-20
Message-ID: <006501c05fec$fa1b7d40$059b66a6@w5jay>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang hi again,
I made a mistake and meant to say PSK-20 instead of PSK-31. Anyway it's the
rig by Small Wonder Labs/Dave Benson. So here it is again.

Sale: PSK-20 by Small Wonder Labs
$100 or best offer shipped. Driven by a little old lady on Sundays

73 de jay..

Date: Wed, 6 Dec 2000 18:05:36 -0800 (PST)
From: Ronnie Davis <ke4vpn@yahoo.com>
To: QRL List <qrp-l@Lehigh.EDU>
Subject: [85625] Thanks to all for help on NA5N's Book
Message-ID: <20001207020536.4646.qmail@web618.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello
Thanks for all the help in finding the Data Book. I
have an order ready to go now. This list is great when
you need help.
Thanks again to all
72 de ke4vpn

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

Date: Wed, 6 Dec 2000 19:13:09 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [85626] FOX Cub Fox??
Message-ID: <Pine.LNX.4.10.10012061910270.872-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have scoured the 7140 and 7120 KHz region and find zero Foxes. I hope it's just conditions and Dave N0IT is calling and working Hounds. But I hear neither hounds nor fox.

Back to my nursing of my poor wife.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Wed, 6 Dec 2000 21:17:39 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [85627] Re: Good [vital] Information for FYBO Contest
Message-ID: <01fd01c05ff3$e02fe220$b91a5cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello Everyone,

Well I just finished updating the Wind Chill page
on the EPA QRP Club site.

http://www.n3epa.org/Pages/Wind-Chill.htm

I created links to sites with information about
Hypothermia & Frost Bite.

Take care and be smart!!

Have a Safe & Happy Holidays!!

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

EPA QRP #1 ARRL Life Member
KL7 QRP # 309 G-QRP # 3031
ARCI QRP # 5318 10 - X #13173
NorCal Zombie #625
ARS # 380 HI QRP #153
VA QRP Society #45 MI QRP #1703
K2 sn1392 NJ QRP #17972 & 73

Date: Wed, 6 Dec 2000 20:31:07 -0600
From: "Michael Melland" <badger@vbe.com>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85628] Re: FOX Cub Fox??
Message-ID: <000501c05ff5$c1ade840$ad844d40@0019896170>
MIME-Version: 1.0
Content-Type: text/plain;
  charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

Ditto on the Cub Fox here in Wisconsin. No fox heard.

72 de Mike, W9WIS

Date: Wed, 6 Dec 2000 22:38:28 -0000
From: "Ken Kirkley" <ogbc@mindspring.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [85629] FOX: Anyone hear the fox?
Message-ID: <002901c05fd5$4211a7e0$edbff7a5@default>

Have just gotten to the shack and can find no sign of the fox. Am I just overlooking him?

73,
Ken/NO4D

Date: Wed, 06 Dec 2000 20:36:40 -0600
From: Steve Yates - AA5TB <aa5tb@arrl.net>
To: QRP-L Distibute <qrp-l@Lehigh.EDU>
Subject: [85630] Re: Best antenna bet for 80 meters.
Message-ID: <005d01c05ff6$886e56e0$b7763ed8@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Dan,

For my small yard I've always had good luck with an inverted-L for 80m. Simply get the vertical section as high as you can and run the rest out horizontally. As with any 1/4 wavelength antenna, the more radials the better although I seldom have room for very many. If you've got the room even for a bent horizontal dipole it will work even better, even if you can't get it up very high.

Presently, my main antenna is an inverted-L that is 50 feet long (20' vertical / 30' horizontal) and it is fed at the base with a SGC SG-237 Smartuner. I work 80m through 6m with and have worked a good share of QRP DX with it on all bands.

Since I seem to spend most of my time on 30m with my PRC-38S (militarized 38-Special) and it has poor IF rejection I put up a resonant 30m

inverted-vee dipole which helps reject the 12 MHz SW broadcast signals. Even though the apex is only up 20' (cloud burner) I've have worked tons of DX with my 3.5 watts. Just got a good report out of South Africa last night.

Anyway, back to the subject...

I think that you can put up a wire of some sort for 80m that will perform better then a multiband vertical that is not setup for the desired frequency.

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
aa5tb@arrl.net
http://www.geocities.com/aa5tb

Date: Wed, 6 Dec 2000 21:42:15 EST
From: Macstein@aol.com
To: ogbc@mindspring.com, qrp-l@lehigh.edu
Subject: [85631] Re: FOX: Anyone hear the fox?
Message-ID: <16.5bd701f.27605307@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 12/6/2000 9:40:27 PM Eastern Standard Time, ogbc@mindspring.com writes:

> Have just gotten to the shack and can find no sign of the fox. Am I just
> overlooking him?
>
> 73,
> Ken/NO4D

Nothing here Ken.

72
-MAC-
AF4PS
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510, ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28, West FL QRP, TARC, ARS #751, Flying Pig QRP #-51

and various other annual $15 commitments.

Date: Wed, 6 Dec 2000 21:33:49 EST
From: Rick McKee <kc8aon@juno.com>
To: pschweitzer@netzero.net, qrp-l@Lehigh.EDU
Subject: [85632] Re: Advice on Loop
Message-ID: <20001206.214711.4239.3.kc8aon@juno.com>

On Wed, 6 Dec 2000 06:00:56 -0600 "pschweitzer" <pschweitzer@netzero.net>
writes:
>True,, the multi band antenna can work with 450 ohm line.
>
>I just found that there is an unacceptable loss with a non resonant
>multi
>band approach.

A resonant, coax fed dipole is about 76% efficient, remove the coax and
add 450 balanced feedline and the efficiency jumps to 85% at the design
freq, and up to 95% on higher bands ! Plus no pruning, hoisting,
measuring, dropping, pruning more, rehoisting - just hang it and twist
the knobs from the comfort of your shack !

{{{
          Best 73 & Don't get on a power trip !
      Rick McKee, KC8AON Willow Wood, Ohio
    QRP-L #2112 AR-QRP #269 Flying Pigs #33
{{{

____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Wed, 6 Dec 2000 21:15:01 EST
From: Rick McKee <kc8aon@juno.com>

To: qrp-l@Lehigh.EDU
Subject: [85633] Re: Advice on Loop
Message-ID: <20001206.214711.4239.1.kc8aon@juno.com>

STAY AWAY FROM 450 Ohm line,,,, unless you want to run matched line (
>a
>pain) or deal with tvi (another pain)

HMMMMMMM, All I run is 450 ohm line, and have ran up to 500 watts and "NO" tvi here ! And my TV uses the old fasioned set up : Antenna, rotator & 20db booster amp ! TVI come froms using powdered iron and ferrite core baluns, and powdered iron is the better of the 2 but not much ! My balun is wound on 1 inch fiberglas tubing " no saturated cores here !" TVI comes from the harmonics created when the ferrous cores saturate - solution, "don't use them !" To find specs on the balun I use, look in the ARRL Handbook (1996 and otthers I'm sure) in the article about tuners by the infamous Doug DeMaw, W1FB. I just use mine as an external balun outside the shack with about 8 feet of RG8 coming in to the tuner instead of mounting it inside the tuner, works great here !

72 & 73 ... Rick, KC8AON

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

Date: Wed, 6 Dec 2000 19:18:30 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85634] Re: Advice on Loop
Message-ID: <001e01c05ffc$604b0360$91414cd1@johnmori>

> A resonant, coax fed dipole is about 76% efficient, remove the coax
and
> add 450 balanced feedline and the efficiency jumps to 85% at the
design
> freq, and up to 95% on higher bands

Rick,

Excuse me, but please support these figures.

BTW, I use a 52 foot dipole fed with "450 ohm" window line, so I'm

a believer, but these numbers puzzle me.

72,

John, K6QQ
Alturas, CA, at the corner of 299 & 395.

Date: Wed, 6 Dec 2000 19:09:37 -0600
From: Bill Stietenroth <k5zty@juno.com>
To: w2agn@pobox.com
Cc: qrp-l@Lehigh.EDU
Subject: [85635] Re: EPA Calendar
Message-ID: <20001206.211712.-4055291.2.k5zty@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I've seen this calander mentioned several times but don't have a clue
where to get one.
Why doen't someone give an address when they recommend that I get one?

Bill, K5ZTY
Houston,TX

On Wed, 06 Dec 2000 13:04:12 -0500 (EST) "John L. Sielke"
<w2agn@pobox.com> writes:
> Just received my calendar from the EPA QRP club. If you have not
> ordered one,
> do it! It is great! Highly recommended.
>
> And no, I don't get a percentage.
>
>
>

Date: Wed, 6 Dec 2000 20:25:54 -0700
From: "Carlos J. Caro" <cjcaro@nail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85636] Re: [fpqrp] Pointers in Orange County and Palm Springs?
Message-ID: <00c101c05ffd$6c607800$61d396d8@default>

Subject: Re: [fpqrp] Pointers in Orange County and Palm Springs?

> Ian,
>
> There is an "HRO" store in Anaheim just south of the intersection of the
> Rt-91 and I-5 freeways. I don't remember the name of the street or the

> > Any pointers to a purveyor of quality SW receivers (e.g. YAESU
> > FRG100)
> > in Orange County and Palm Springs?

Ian,

If your interested in the Anaheim store, the Manager is Janet KL7MF and the
24 Hr FAX number is (714) 533-9485
They also have a toll free (800) 854-6046 and the URL is
http://www.hamradio.com

regards

Carlos #1333

Date: Wed, 06 Dec 2000 20:46:46 -0800
From: Don Minkoff <cowchip@mediaone.net>
To: qrp-l@Lehigh.EDU
Subject: [85637] NK6A FOX for Thursday
Message-ID: <3A2F1636.394FB6A4@mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

What ? Again?

Hunt # 14 will begin with a QRZ FOX at or about 7041 plus or minus QRM
at 0200 UTC. I will initially listen up 2 (again) maybe even a bit
higher for those that can. Please spread out. I will drift back down
to near my freq toward the last hour and listen for the East Coast.

The exchange will be: (your call) 559 CA DON 5W your call again or BK.
I will acknowledge the exchange with TU and QRZ or FOX.

Rig will once again be my Yaesu FT1000MP, 5W to my Force 12C4. Might

try using the computer but not sure. Speed will be 20-24 WPM. I will
adjust accordingly.

Let's have fun!
--
Don Minkoff
NK6A
QRP-L 1517
QRP-ARCI 4826
K2#1217

Date: Wed, 6 Dec 2000 23:01:48 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-l@Lehigh.EDU>
Cc: "William Winscott" <n6cha@ipa.net>, "Steve Lowrey" <snlowrey@alltel.net>,
"Royce Rainwater" <ke5tc@crosstel.net>, "Richard Donovan" <n5xm@alltel.net>,
     "Randy Holden" <Randy_Holden@hotmail.com>, "Randy Baggett" <kg5ne@cei.net>,
"Nicholas Kennedy" <nkenned@entergy.com>, "Mose Howard" <moseh@ipa.net>,
Subject: [85638] RE: Sale PSK-20 it's gone
Message-ID: <00b901c0600a$d2aa75e0$059b66a6@w5jay>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The PSK-20 is spoken for.

Thanks and 73 de w5jay..

Date: Thu, 7 Dec 2000 06:03:45 +0100
From: "Nico Vertriest" <nvcw@village.uunet.be>
To: "qrp-l" <qrp-l@LeHigh.edu>
Subject: [85639] StripboardMagic
Message-ID: <001501c0600b14012520a302bed4@immvu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello all,

Does anyone know if the StripboardMagic software package is still available ? If so, who sells it ? In the past it was Ambyr Ltd, UK, but I don't find them on the internet.

73

Nico
on4civ

Date: Thu, 7 Dec 2000 00:04:24 -0500
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>
Cc: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [85640] Contest Calendar 2001 for the QRPers
Message-ID: <200012070004_MC2-BDAC-22F3@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang: Here is a re-post of the message re the QRP contest calendars, just in case. 72, --Doc/K0EVZ

----------Forwarded Message----------

From: INTERNET:wb3aal@fast.net, INTERNET:wb3aal@fast.net
To: "Low Power Amateur Radio Discussion", INTERNET:qrp-l@Lehigh.EDU
=

Date: 12/3/00 5:31 PM

RE: Contest Calendar 2001 for the QRPers

=

2nd Annual QRP Contest Calendar for 2001

www.n3epa.org

The Eastern PA QRP Club would like to announce =

the release of the 2nd Annual QRP Contest Calendar =

for 2001.

If you have reserved a calendar and you did not send
in you money, please do so soon.
=

It is photographic quality with color pictures, this will be =

100% better than our first calendar. We are mailing the =

calendar out on December 4, 2000.

This calendar will list QRP contests and contests with QRP =

categories. It will be a fold-out style that you can hang on =

your wall next to your rig. There will be a lists of Web sites =

and contest managers calls. The Web site addresses will =

have the contest rules plus much more. The color pictures =

will feature the winners of kit-building contest that are held at =

the different QRP forums or conventions throughout the year. =

This is really a handy calendar to have in the shack. The =

calendar will measure 11" x 17" when open. It will be in color =

and B&W format, with the pictures and information on the top =

half. For more information and a sample of the calendar check =

out www.n3epa.org .

Order Now!

72 & 73
Good DXing

Ron Polityka =

de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org

Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@fast.net

---------- Internet Header ----------
Sender: owner-qrp-l@Lehigh.EDU
Received: from astro.CC.Lehigh.EDU (astro.CC.Lehigh.EDU [128.180.39.2])
     by sphmgaaf.compuserve.com (8.9.3/8.9.3/SUN-1.9) with ESMTP id SAA14164;=

     Sun, 3 Dec 2000 18:31:42 -0500 (EST)
Received: from localhost ([127.0.0.1]:13066 "HELO astro.CC.Lehigh.EDU") b=
y astro.CC.Lehigh.EDU with SMTP id <77284-16019>; Sun, 3 Dec 2000 18:31:1=
6 -0500
Received: from nss4.CC.Lehigh.EDU ([128.180.39.1]:20623 "EHLO nss4.cc.leh=
igh.edu") by astro.CC.Lehigh.EDU with ESMTP id <77167-16018>; Sun, 3 Dec =
2000 18:30:47 -0500
Received: from post2.fast.net (post2.fast.net [198.69.204.22])
     by nss4.cc.lehigh.edu (8.9.3/8.9.3) with ESMTP id SAA228640
     for <qrp-l@Lehigh.EDU>; Sun, 3 Dec 2000 18:30:46 -0500
Received: from wb3aal (maxtnt02-190.abepa.fast.net [204.120.82.190])
     by post2.fast.net (8.9.3+blt/8.9.3) with SMTP id SAA23791;
     Sun, 3 Dec 2000 18:30:43 -0500 (EST)
Message-Id: <008201c05d81$55788520$be5278cc@wb3aal>
Date: Sun, 3 Dec 2000 18:32:41 -0500
Reply-To: wb3aal@fast.net
Sender: owner-qrp-l@Lehigh.EDU
Precedence: bulk
From: "Ron Polityka" <wb3aal@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Contest Calendar 2001 for the QRPers
MIME-Version: 1.0
Content-Type: text/plain;
     charset=3D"iso-8859-1"
Content-Transfer-Encoding: 7bit
X-To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.50.4522.1200
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4522.1200
X-Orcpt: rfc822;qrp-l@listserv.cc.lehigh.edu

X-Listprocess =

2nd Annual QRP Contest Calendar for 2001

www.n3epa.org

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Order Now!

72 & 73
Good DXing

Ron Polityka =

de N3EPA
n3epa@fast.net

vvv Eastern Pennsylvania QRP Web Page vvv
http://www.n3epa.org

Eastern Pennsylvania QRP Club Call
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From: "Ron Polityka" <wb3aal@fast.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: Contest Calendar 2001 for the QRPers
MIME-Version: 1.0
Content-Type: text/plain;
     charset=3D"iso-8859-1"
Content-Transfer-Encoding: 7bit
X-To: ". NJ QRP-L" <njqrp@njqrp.org>, ". QRP-L" <qrp-l@Lehigh.EDU>
X-Priority: 3
X-MSMail-Priority: Normal
X-Mailer: Microsoft Outlook Express 5.50.4522.1200
X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4522.1200
X-Orcpt: rfc822;qrp-l@listserv.cc.lehigh.edu
X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN

Date: Wed, 6 Dec 2000 22:14:02 -0600
From: "pschweitzer" <pschweitzer@netzero.net>
To: <kc8aon@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85641] Re: Advice on Loop
Message-ID: <000101c06016$9650d240$214f0404@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I used to run the 450 ohm to a dipole through a tuner.

I found a noticeable improvement with a resonant cut and pruned center fed
dipole with a balun.
no tuners in the system either. I think of it as running without crutches
which essentially what a tuner does.

it will work as you have described but I found it to be better going the
mono band route if you are looking for maximum performance.

----- Original Message -----
From: Rick McKee <kc8aon@juno.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 06, 2000 8:33 PM
Subject: Re: Advice on Loop

>
> On Wed, 6 Dec 2000 06:00:56 -0600 "pschweitzer" <pschweitzer@netzero.net>
> writes:
> >True,, the multi band antenna can work with 450 ohm line.
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> measuring, dropping, pruning more, rehoisting - just hang it and twist
> the knobs from the comfort of your shack !
>
>
> {{{{

reflector.

He thanked me for the info and said he had unsubscribed shortly because of all the griping and bitching.

Makes me feel good when I tell a friend how much I think of the QRP group and all the helpful info one can glean here and he can't be interested because of the useless and constant non-productive diatribe that sometimes goes on.
Maybe he caught it at a bad time, but he did and I know that he is an honorable man and makes no accusations without foundation.

I'm almost entirely a lurker and partly because of the above.

Why is it so hard to let others say what they think or know and not have to rebut or criticize?

Maybe a preamble of "The Amateur's Code" would be appropriate as pre-requisite to sending mail on the reflector. In other words that might be a pass word that has to be seen, preferably read, before sending mail.

Thanks to the many who use the reflector and are friendly, courteous and willing to share knowledge even when they know the may need to be wearing their asbestos underwear.

I'm not going anywhere as I feel strongly about this reflector and the good it does. This is one of those messages I type out and place in a folder for a few days before sending. I did think twice before sending.

Flames will not be answered.

72, George KR5C

Date: Wed, 06 Dec 2000 23:38:22 -0800
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85643] Re: Lost another possible QRP'er
Message-ID: <00c201c06020$b44032a0$0600a8c0@earthlink.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Here we go again.....

Sir, this is one of the most well mannered and polite email reflectors
on the whole of the internet! Just check some of the other lists
(don't just assume) and see what's going on in the rest of the world.

Please let's not start this whole topic up again, we've been
there and done that - please everyone, let this one die, right now.

Thanks,
Dave Fifield, AD6A

Date: Thu, 7 Dec 2000 00:03:20 -0800
From: Dan Presley <talljazz@teleport.com>
To: qrp-l@LeHigh.EDU, QFOX@egroups.com
Subject: [85644] FOX: Log for 12/5 N7CQR
Message-ID: <v03007813b654d30ed92f@[216.26.9.33]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here 'tis warts and all.I count a total of 94. Looks like my antenna has a
good shot to MN and WI as I worked a lot of you all up that way! The K2
performed flawlessly, and the Sennheiser headphones kept my ears from
ringing. Thanks again to all for your patience with me, and see you in Jan.

Time	Call	RST	S/P	Name	PWR	
0200	K0QD	559	CO	Hugh	5W	
0202	NQ7X	559	AZ	Floyd	5W	
0203	KB7WW	559	OR	Art	5w	
0204	N0UR	559	MN	Jim	5W	
0205	WE6W	559	CA	Ed	5W	
0206	K0MP	559	CO	Bill	5W	
0208	N5ET	559	TX	Bob	5W	
0209	N1LN	559	TX	Jack	5W	
0210	W6ABC	599	CA	Jack	1W	
0211	N2WW	559	CO	Larry	5W	
0212	WE7G	559	UT	Wayne	5W	
0213	K5AAR	559	OK	Don	5W	
0214	K5DW	559	TX	Don	5W	
0215	K7FD	559	OR	John	5W	
0215	N1FN	559	CO	'ET'	5W	
0216	KK7GG	559	OR	Mike	5W	(Solderman!)
0217	K5DI	449	NM	Karl	5W	
0218	NK7M	559	AZ	Bob	5W	
0219	N6WG	559	CA	Bob	5W	

0220	AC7CF	559	UT	Andy	5W
0221	NK6A	559	CA	Don	5W
0221	VA6RF	559	AB	Earl	5W
0222	W0CH	559	MO	Dave	5W
0222	K6VNX	559	CA	Arle	5W
0223	VE6JAZ	579	AB	Rob	5W
0224	N9AW	559	WI	Larry	5W
0224	K0EVZ	559	ND	Doc	5W
0225	N5TW	559	TX	Tom	5W
0225	K0PC	559	MN	Pat	5W
0226	KB7LJP	559	OR	James	5W
0226	K0FRP	579	CO	Earl	5W
0227	K7UR	559	AZ	Brian	5W
0227	N4ROA	559	VA	Dan	5W
0228	W4NJK	559	CA	Alex	5W
0229	AE7EQ	559	AZ	Bob	5W
0230	K7QO	559	AZ	Chuck	2W
0231	W0PWE	559	IA	Jeff	5W
0232	W5USJ	539	TX	Chuck	4W
0233	N5GLQ	559	LA	Mike	5W
0234	KI0II	549	CO	Ron	5W
0235	WA7TQK	559	ID	Bill	5W
0236	K4BXP	579	KY	Ken	5W
0236	W0AV	559	MO	George	5W
0237	KC7TWP	559	ID	Dick	5W
0238	WU9F	559	WI	Larry	5W
0239	N2WW	*DUPE*			
0241	K5ZTY	559	TX	Bill	5W
0243	K5VUU	559	TX	Ed	5W
0244	W2XN	229	FL	Fred	5W
0245	N0TU	599	CO	Steve	5W
0247	AC5JH	339	OK	Tom	5W
0248	W9XT	559	WI	Gary	5W
0250	WA9TZE	559	WI	Jim	5W
0252	WA7SPY	559	CA	Glen	5W
0254	W9XU	559	WI	Don	5W
0255	N1TP	559	FL	Tom	5W
0255	N5EN	559	TX	Steve	5W
0256	KK5LB	559	TX	Dan	5W
0257	KE6RS	559	CA	Ron	5W
0258	AE9K	599	WI	Glenn	5W
0300	W7AQK	569	AZ	Dave	5W
0302	K3QIA	599	PA	Bob	5W
0304	AA0ZZ	559	MI	Craig	5W
0306	W5YR	559	TX	George	5W
0307	W5SB	559	TX	Bill	5W
0309	K9IUA	559	ND	Kevin	5W
0310	W9UQB	559	AZ	Mike	5W

0312	W5TB	559	TX	Doc	5W
0314	W0JOE	559	MO	Joe	5W
0317	W0RSP	559	SD	Ade	4W
0319	WY1W	559	CT	Bud	5W
0321	K8CV	559	MI	Walt	5W
0322	KQ5U	559	TX	Terry	5W
0323	K1OJ	559	TX	OJ	5W
0324	KI0KY	559	CO	Steve	5W
0326	K5JHP	339	TX	Bill	5W
0328	WA9PWP	559	WI	Paul	5W
0330	AB6JY	579	CA	Dan	5W
0332	AB0MO	229	MO	Steve	5W
0333	NK9G	559	WI	Rick	5W
0334	W8RU	559	MI	Ron	5W
0335	KJ0C	559	MO	Jim	5W
0336	N5ET	*dupe*			
0337	AF4LQ	559	KY	Mike	5W(?)
0338	W0UFO	559	MN	Mel	5W
0340	AF4PS	539	FL	Mac	4W
0343	N0EHW	559	MO	Tim	5W
0345	KQ5U	*Dupe*			
0347	N0AR	559	MN	Scott	4W
0349	VE5RC	229	SK	Bruce	5W
0351	KA7DDB	559	MN	Mike	5W
0353	K5GQ/M	449	TX	Rick	5W (mobile-way to go!)
0356	KR5C	559	TX	George	3W
0359	N5UW	559	OK	Cliff	5W
0000	N7CQR	Fox	OR	Dan	5W

Dan Presley
talljazz@teleport.com
(503) 232-8244
pager (503) 229-8682

Date: Thu, 07 Dec 2000 08:34:58
From: "Leon Heller" <leon_heller@hotmail.com>
To: nvcw@village.uunet.be, qrp-l@Lehigh.EDU
Subject: [85645] Re: StripboardMagic
Message-ID: <F300YKpDS7hx27kBncc00001d8d@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Does anyone know if the StripboardMagic software package is still available
>? If so, who sells it ? In the past it was Ambyr Ltd, UK, but I don't
>find
>them on the internet.

They stopped trading a couple of years ago. Maplin used to stock it, but I
don't think that they have any copies left.

73, Leon

--
Leon Heller, G1HSM Tel: (work): +44 1327 357824 (mobile): +44 79 9098 1221
Email:leon_heller@hotmail.com My web page:
http://www.geocities.com/leon_heller
IRISSYS Ltd: http://www.irisys.co.uk

Get more from the Web. FREE MSN Explorer download : http://explorer.msn.com

---

Date: Thu, 07 Dec 2000 05:37:36 -0600
From: "Brian L. Lewis" <bl@csi.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [85646] www.5watt.com needed States/Providences
Message-ID: <3A2F7680.49ADA748@csi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all the willing Amateurs who have listed their Callsigns on
www.5watts.com.

Below is a list of States/Providences that do not have any Ham listed.
If you live in one of these areas or know a ham who does, maybe you/they
would consider putting a listing on www.5watts.com.

USA

Arkansas
Delaware
Georgia
Hawaii
Iowa
Kansas
Massachusetts
Mississippi
Nebraska
Nevada
North Dakota
Rhode Island
South Dakota
Vermont
Wyoming

CANADA
Alberta
Newfoundland
North West Territories
Nunavut
Prince Edward Island
Quebec
Saskatchewan
Yukon

Even if you live in an area other than the above listed, consider adding your name to the www.5watts.com database. 5watts is a collection of hams listed by region who are willing to set up a sked to help other hams accomplish WAS, Miles per Watt and other various qrp activities.

Thanks again.

--
Brian Lewis
K5RV@5watts.com

Date: Thu, 7 Dec 2000 07:04:27 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <rohre@arlut.utexas.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85647] Re: TVI and balanced line

Message-ID: <005f01c06045$dba1d540$1510a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is one fella offering Commercial open Wire Line.. Take a look at
http://www.w7fg.com/ant.htm
Normal Discalmer-- I am in no way connected to this Websight.
73 Dave Kc1di

----- Original Message -----
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 06, 2000 7:55 PM
Subject: TVI and balanced line

> 450 ohm window line as sold today is the lowest loss feedline you can use
of
> the commercial balanced lines and small coaxes. FAR BETTER than RG 58
coax.
> (Commercial open wire line is no longer made).
>
> It is an old wives tale that a parallel line will cause TVI. A PROPERLY
set
> up balanced line cancels the fields around it within a short distance of
the
> wire. Why do you think it is called "balanced line"?   TVI may be from a
> number of causes, not ladder or twin lines.
> I would look for fundamental overload of the TV, use of unbalanced or end
> fed antenna, etc. There may be an RF ground loop to the TV. TV might have
> been on the same electrical branch circuit, etc.
>
> You do have to keep ladder lines at right angles, center fed to a dipole.
> You do have to space them at right angles to metal such as gutters, on
> standoffs if possible, but this is to keep from unbalancing them.
> Twisting every couple of feet helps keep ladder line from outside
conductors
> influence, as both wires will be equally unaffected by the twist allowing
> both to "see" the influence.
>
> See the several other posts about large loops. When symmetric, they are
> omni coverage, while dipoles are good but only in two main directions, if
> elevated to optimum height. A large loop is not a cloud warmer, it can
have
> multiple take off angles both high and low. If you cannot put a dipole up
> at quarter wave or better, and if you want multiple bands, and can provide

3
> or four supports for the corners, a loop or delta is an excellent
investment
> when you have the space to have at least a wavelength circumference on the
> lowest band of interest.
>
> 73, Stuart K5KVH
>
>
>

Date: Thu, 7 Dec 2000 08:05:21 -0500
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [85648] LOOPS . . . More Advice PSE . . .
Message-ID: <20001207.080528.-68743.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Subject: Re: Advice on Loop

OUTSTANDING Thread,

Please more, more . . .

Now that -I / we- have a good grasp on feed line . . .
BALANCED verses COAX re: efficiency and radiation.

Lets take it one step more . . .
the All Band Antenna 40 through 10 and
the efficiency (disregard feed line) of a
NONRESONANT horizontal LOOP
verses
NONRESONANT horizontal DIPOLE.

note1 . . .
. . . excluded 160 es 80 due to height restrictions (at most QTHs).

note2 . . .
. . . not how 'quiet' one vs the other, rather how efficient from a
radiation standpoint.

note3 . . .
. . . given that both antenna are at the same height.

note4 . . .
. . . I did not mention dipole length or loop leg length
(only NONRESONANT length) because
what I hope to glean from this discussion . . . is. . .
' the first hand experience of others'.

THANKS ! ! !

John
N3AAZ
FM 19 xa

_____
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http://dl.www.juno.com/get/tagj.

Date: Thu, 7 Dec 2000 08:06:12 -0500
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [85649] Ladderline
Message-ID: <20001207.080720.-276145.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Y'all
     I have this to say about that... just my experience... an't no
ex-spurt...
I wondered for years about using tv twinlead as lead in wire for my ham
set... finally I bit the Gator tail and got some of the low loss foam
filled stuffs from rad shack and have had a ball with up to 100w a few
yrs back...had a icom 735...
     With my mfj 941E chuner, I can keep my rig happy with no reflected power
and at 5w and milli whats it all works like a champ... tvi is nill... and
my antennas have ranged from a few ohms imped. to over one K ohms... and
from tree to tree, depending on the strength and direction of the wind...
hee hee...
     rain and sneaux will affect my tuning, however a light twist of this or
that snob on the chuner and all is fine again...
     From someone who feared open wire to someone who is plumb tickled some
smart soul thought of that long time ago... an't life funny at times...
be nice
ke1la joel
in maine

_____
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http://dl.www.juno.com/get/tagj.

Date: Thu, 07 Dec 2000 07:17:02 -0600
From: "DONALD G. DORN" <DDORN@CWIS.NET>
To: LOW POWER AM RADIO DISS <QRP-L@LEHIGH.EDU>
Subject: [85650] LOOPS
Message-ID: <3A2F8DCD.1545DBD8@CWIS.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The discussion on loop antennas is interesting. I used a 290 foot
horizontal loop last field day and was very pleased with it. It was up
about 45 feet on one side and about 30 feet on the other side almost
square in form. On 40 through 10 meters it was outstanding. On 80 meters
it worked FB except that the bandwidth was very narrow. I had to retune
if I moved more than a few kHertz. I was using a 4:1 balun in my tuner
and have now changed to 1:1 and am anxious to try that.
73,
Don K5AAR
Lake Eufaula, Ok

Date: Thu, 7 Dec 2000 08:29:21 -0500
From: "Brian" <brian@iquest.net>
To: <k5di@zianet.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85651] Re: FOX Cub Fox??
Message-ID: <002701c06051$b57dc570$2305080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I heard no hounds/cubs.

On 7143.5 I did work KD7JXY for his first Indiana contact in Vancouver WA
from Indy on my 5 watts. I think the band was open up there. I then worked
N4ZMP Orin down in Pensacola and he was QRP and a booming 599 both ways.
This was about 21:30 EST

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, December 06, 2000 9:13 PM
Subject: FOX Cub Fox??

>
> I have scoured the 7140 and 7120 KHz region and find zero Foxes. I
> hope it's just conditions and Dave N0IT is calling and working Hounds. But
> I hear neither hounds nor fox.
>
> Back to my nursing of my poor wife.
>
> Yours Truly,
>
>   - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
>
>

Date: Thu, 7 Dec 2000 08:36:45 EST
From: K5BDZ@aol.com
To: hamjoel@juno.com, qrp-l@lehigh.edu
Subject: [85652] Antennas and reality
Message-ID: <d9.d52e792.2760ec6d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Antennas and life are similar...what you dream about and what you end up with are often two separate things... it doesn't have to be perfect to work well!

I love non-resonant antennas. NOT because someone else said they were good, but because in my years of hamming, I have been forced to install "some sort of antenna" just to fit the available site, and many times is was a NON resonant antenna...some center fed, some off-center fed...and very, very often, NOT to any formula but to fit the available site.
>From Houston, TX I worked India on 20 meters on my FIRST attempt with a multi-dog-leg strung non-resonant ~ 91' dipole, 25' high off center fed with 450 ohm and into a tuner. 100 watts SSB.   Can anyone design such an antenna on purpose? No brag, just fact.

How many of these antenna designs were from the beginning designed from perfect theorums, constructed in perfect environs, and built from perfect materials? Normally it's "I had this stuff lying around so I built this

thing and put it in the air...then hooked it up to my rig."

Finally, as a very young novice in 1955, I thought "if one antenna is good, what would two antennas do?" so I put a coaxial "T" connector on the back of my 15 watt transmitter (screen modulated Heath AT-1) and connected on one end a trap dipole, and on the other end an L-tuner feeding a 100' longwire...both fed at the same time. Ran DX circles around my friend's Viking II 100 watts and his 3 element beam. Still don't know why...and 45 years later, it still makes him mad to talk about it! No brag, just fact.

SO.....don't worry about building the "perfect" antenna. Let us know how your experiment works...and notice I didn't mention even one of the many failures or "so-so" antennas I've built, and I've had my share of those too!
Bill K5BDZ
P.S. If you really like "looser antennas" remember the CB mobile fiberglass whips with LED's up and down the whip that would light with each key-down? Ever sit next to one of those, your good-time radio playing...and hear the BCI from the diodes when the CB'er would transmit?

Date: Thu, 7 Dec 2000 08:50:08 EST
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [85653] Re: Antennas and reality
Message-ID: <65.ce679c9.2760ef90@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy folks,
I concur . I'm in a condo type place, I can't have any outdoor antennas, and the experimentation with "what will be a tad more efficient ?" has been constant. I've made and used Indoor folded dipoles, end fed wires, loops (vert and horiz fed) wrapped up PVC pipes, 2 band dipoles , compressed W3EDP's in the windowsill, and anything else I could think of. To a degree they all worked. Not counting all my bright ideas that Didn't work. Sometimes it is important knowing what not to do. At this moment the antenna here is a Lil Wonder stood between floor and ceiling vertically near my "shack" window. It is single wire fed, loads up 80 thru 10 and I was working DX outa my mighty MFJ9020 with it in the recent CQ contest. QRP and indoor antennas is sorta a double whammy, but I like pounding brass too much to quit. Usually my results are good and I work whoever is there to work. QRP-L is pretty neat, there's a whole lotta expertise out there and any time I've thrown out a question I've gotten plenty of answers. Thanks follks and
72
Greg WB9MII
QRP ARCI 9719

Date: Thu, 7 Dec 2000 08:59:32 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <K5BDZ@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85654] Re: Antennas and reality
Message-ID: <008001c06056$21a9bd40$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> P.S. If you really like "looser antennas" remember the CB mobile
fiberglass
> whips with LED's up and down the whip that would light with each
key-down?
> Ever sit next to one of those, your good-time radio playing...and hear
the
> BCI from the diodes when the CB'er would transmit?

On the other hand, just think how much of that limited energy is
going into lighting the diodes, or neon bulbs, instead of being
radiated as RF....

Mike

Date: Thu, 7 Dec 2000 14:17:27 -0000
From: "Walter D Amos" <waltk8cv@surfree.com>
To: "Posts Qrp-l" <qrp-l@lehigh.edu>
Subject: [85655] Fw: TVI and balanced line
Message-ID: <004c01c06058$6ed33d60$59891b26@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I recently , year or so ago , acquired #14 ga. ladder line from " THE
WIREMAN " , it is HEAVY but sturdy and takes the output from the ALPHA all
the time without any problems. But then the old #18 ga. stuff did ALSO and
it sure weighs a LOT less! My center insulator is one of those clamps from
Scott Gregson ! Naturally the 130' flat top is also #14 ga. house wire. Does
it stretch? Yup ! Does it matter? Nope !

Walt Amos K8CV Royal Oak, MI k8cv@arrl.net

----- Original Message -----
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 07, 2000 12:04 PM
Subject: Re: TVI and balanced line

> There is one fella offering Commercial open Wire Line.. Take a look at
> http://www.w7fg.com/ant.htm
> Normal Discalmer-- I am in no way connected to this Websight.
> 73 Dave Kc1di
>
> ----- Original Message -----
> From: "Stuart Rohre" <rohre@arlut.utexas.edu>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Wednesday, December 06, 2000 7:55 PM
> Subject: TVI and balanced line
>
>
> > 450 ohm window line as sold today is the lowest loss feedline you can
use
> of
> > the commercial balanced lines and small coaxes. FAR BETTER than RG 58
> coax.
> > (Commercial open wire line is no longer made).
> >
> > It is an old wives tale that a parallel line will cause TVI. A PROPERLY
> set
> > up balanced line cancels the fields around it within a short distance of
> the
> > wire. Why do you think it is called "balanced line"? TVI may be from
a
> > number of causes, not ladder or twin lines.
> > I would look for fundamental overload of the TV, use of unbalanced or
end
> > fed antenna, etc. There may be an RF ground loop to the TV. TV might
have
> > been on the same electrical branch circuit, etc.
> >
> > You do have to keep ladder lines at right angles, center fed to a
dipole.
> > You do have to space them at right angles to metal such as gutters, on
> > standoffs if possible, but this is to keep from unbalancing them.
> > Twisting every couple of feet helps keep ladder line from outside

> conductors
> > influence, as both wires will be equally unaffected by the twist
allowing
> > both to "see" the influence.
> >
> > See the several other posts about large loops. When symmetric, they are
> > omni coverage, while dipoles are good but only in two main directions,
if
> > elevated to optimum height. A large loop is not a cloud warmer, it can
> have
> > multiple take off angles both high and low. If you cannot put a dipole
up
> > at quarter wave or better, and if you want multiple bands, and can
provide
> 3
> > or four supports for the corners, a loop or delta is an excellent
> investment
> > when you have the space to have at least a wavelength circumference on
the
> > lowest band of interest.
> >
> > 73, Stuart K5KVH
> >
> >
> >
>
>

Date: Thu, 07 Dec 2000 07:17:41 -0700
From: Bruce Grubbs <n7ceeqrp@earthlink.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [85656] Palm OS contest logger?
Message-ID: <5.0.0.25.0.20001207071603.00a81330@earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Is anyone aware of a contest logging program for the Palm OS? I'm looking
to replace my venerable HP 100lx palmtop with a Visor or something.

72
Bruce N7CEE

Date: Thu, 07 Dec 2000 07:23:30 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
Cc: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [85657] RE: FYBO Rules
Message-ID: <200012071418.HAA00120@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:10 PM 12/6/2000 -0500, you wrote:
>OK so no multi-multi but we could operate two different stations from
>the same site (coordinating bands so as not to QRM each other), each as
>a multi-op just so long as we didn't 'mix' operators between teams ... I
>was thinking of trying to get some Novice/Tech+/Tech with code to
>operate with some General/Extra's looking over their shoulders ... how
>about a Nov/Tech category???? or even make it a freebe add-in a la Field
>Day.

OK, we'll add a N/T category. So we now have single op (home/field), multi
op (home/field) and N/T categories.

Be sure to show the correct category on your logs when you submit them.

Still no multi-multi, tho :^)

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

http://www.extremezone.com/~nk7m

Date: Thu, 07 Dec 2000 09:23:49 EST
From: Shephed@aol.com
To: <fpqrp-l@mpna.com>, <qrp-l@lehigh.edu>
Subject: [85658] FPqrp Truffle Hunt tonight!
Message-ID: <46.d8d4220.2760f775@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello fellow Oinkers!
I will be the Truffle tonight, look for me around 7.041 +/- from 01:30 to 02:00Z.

I'll be on the Ten Tec-1340 and my magic G5RV.

(ok, so it's not really magic, but it works that way)

72, oo
Dan, N8IE
FPqrp #-6

Date: Thu, 7 Dec 2000 09:44:58 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: tentec@contesting.com
Cc: QRP List <qrp-l@lehigh.edu>
Subject: [85659] W8KC Virtual Ten*Tec Museum
Message-ID: <Pine.OSF.4.21.0012070931110.16521-100000@saturn4.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

HI!

I've just given the virtual Ten*Tec museum a slight facelift. Please
stop by and take a peek.

There's also an animated banner you may feel free to copy or link to
your own personal or commercial site.

In the next few days there will be some neat new additions to the
collection including the original design prototype of the Ten*Tec QRP
kits!

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics.
  Visit the Virtual Ten*Tec Museum at:
  <http://www.acs.oakland.edu/~prvalko>

Date: Thu, 7 Dec 2000 09:36:43 -0500
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <70511.3041@compuserve.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [85660] RE: Kenwood TS-830
Message-ID: <000301c0605b$3e2b7620$5c32a7d0@ispchannel.com>
MIME-Version: 1.0

Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Doc:

Two weekends ago I spent some bench time repairing NX1F's Kenwood TS-830. It had a shorted dual-gate MOSFET in the front-end, which wreaked havoc on the AGC line (one gate is tied to AGC). It also needed adjustment of both upper and lower BFO oscillators.

In any case, during our troubleshooting session NX1F (Joe) and I talked about its value. After looking over other rigs advertised on the Web, we concluded that it was worth somewhere between $200 and $400, depending on condition, etc.

Hope that helps. Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687   .-.-.

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of Wilford D. Lindsey
Sent: Wednesday, December 06, 2000 4:55 PM
To: Low Power Amateur Radio Discussion
Subject: Kenwood TS-830

Gang:

I am considering sellng my beloved Kenwood TS-830 transceiver. This one is in superb condition, with no known blemishes. Electrically it is a 10 out of 10, and is a joy to own and operate. It has one of the quietest receivers around, and excels in weak signal work, such as FOX hunting and DXing.

Power can be adjusted from the front panel from zero to QRO levels. The tank circuit can load most antennas without need for an external tuner.

NOTE--I also have two *pairs* of extra new-in-the-box 6146A final tubes, and one new driver tube. Would want these to go with the rig and be included in the selling price.

Can someone help me arrive at a fair price for the entire deal? Thanks in advance.

72,
--Doc/K0EVZ

Date: Thu, 7 Dec 2000 10:50:37 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, "Bill Coleman"
<aa4lr@arrl.net>
Subject: [85661] Re: Advice on Loop
Message-ID: <200012071544.KAA07814@hat-trick.atl.org>

Thanks for comments.

I think most missed that this loop has
1/8 wave vertical elements and 3/8 wave horizontal elements.

With this arrangement, the top wire supports need only be in
40' to 50' range for good performance.

I feed a tad more than 1/8 wave along the bottom wire from a
bottom corner. It's not optimum for 80 or 40 according to the model
but seems a good overall compromise. Center fed on one vertical
looks best for 40, in the model. (this is 40 on the 80m circumference
loop).

Gonna try a 40/20 loop this weekend.
5m vertical sides and 15m horizontal.
8-10m should be plenty high for the top wire
and it will be easier to move the feed around.

-bob

Date: Thu, 7 Dec 2000 08:30:12 -0600
From: w0av@juno.com
To: myetsko@insydesw.com
Cc: qrp-l@Lehigh.EDU
Subject: [85662] Re: Antennas and reality
Message-ID: <20001207.094417.-557641.3.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys,

About CBers and antennas with light bulbs on the, I don't think all CBers
were energy challenged.

Remember all those "leenears?"

72 de George/W0AV
SOC#101

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http://dl.www.juno.com/get/tagj.

Date: Thu, 7 Dec 2000 10:54:10 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "NJQRP" <NJQRP@njqrp.org>, "QRP-L" <qrp-l@lehigh.edu>
Subject: [85663] TT2 and SOP Kits are retired
Message-ID: <001a01c06065$f523c760$0100000a@gheron>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

After shipping over 800 TUNA TIN 2 QRP transmitter kits throughout the last two years, the NJ-QRP Club has found it increasingly difficult to obtain some of the critical parts (like the 7.040 MHz crystal) at competitive prices from our suppliers.

And regarding the SOP RECEIVER KIT ... we completed the first round of 200 kits during the summer but we've found it nearly impossible to obtain certain parts (the SA612 mixer IC) in through-hole DIP packaging. A pcb redesign effort and retooling would be needed to accommodate surface mount parts, and would be cost-prohibitive for an extreme low-margin club operation such as ours.

In both cases (TT2 and SOP kits) the the relatively low rate of incoming orders no longer warrants the investment needed to continue. So, after some heavy sighs and exploring of alternatives, we've decided to retire the TT2 and SOP kits. Purchases will be refunded to those who have been on the waiting list. New orders will no longer be accepted and the checks will be returned.

The SOP Receiver project (schematics, parts list, assembly instructions, etc) will be published on the NJQRP website for those who might wish to homebrew the project on their own.

The TT2 transmitter design has already been extensively published and will continue to be posted on both the NJQRP and NorCal websites.

We very much appreciate all the support and kit purchases made by many of the QRPers on this list. All proceeds coming from the kitting efforts have been applied back into the hobby in the form of the annual Atlanticon QRP Forum, newer kits like the PSK80 Warbler, and other QRP-related efforts like a semi-professional newsletter and various sponsored radio events for all to enjoy throughout the year.

Once again, "thank you" everyone for your support of QRP and the NJQRP Club through the years. We're looking forward to many more years of exciting kits, homebrewing newsletters, dynamite QRP forums and fun operating events with everyone!

72/73,
--George N2apb n2apb@amsat.org
        and
--Joe Everhart, N2CX n2cx@voicenet.com
        for the
    NJQRP Club at http://www.njqrp.org

Date: Thu, 7 Dec 2000 10:05:49 -0600
From: "Kevin Muenzler, WB5RUE" <wb5rue@arrl.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [85664] RE: Antennas and reality
Message-ID: <000001c06067$919ce350$ef5d6f81@v8.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Don't forget that a very badly tuned antenna, even using a 4 watt CB, will light a small neon lamp. These short, base-load antennas don't require much energy to put a high enough RF voltage on the end to light these little lamps.

72/
Kevin, WB5RUE
Leeniers? We dunt need no steenkeeng leeniers!

> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU
> [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of

> w0av@juno.com
> Sent: Thursday, December 07, 2000 8:30 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Antennas and reality
>
>
> Hi Guys,
>
> About CBers and antennas with light bulbs on the, I don't
> think all CBers
> were energy challenged.
>
> Remember all those "leenears?"
>
> 72 de George/W0AV
> SOC#101
> _____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>

Date: Thu, 7 Dec 2000 11:27:54 -0000
From: "Bob Duckworth" <wb4mnf@atl.org>
To: <aa4lr@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85665] Re: Advice on Loop
Message-ID: <200012071622.LAA07883@hat-trick.atl.org>

Bill asked...

| Is that a horizontal or vertical dipole?

Forgot to answer your question.

That's a horizontal dipole.

A vertical dipole (actually a biconical cage fed against
130 radials in a salt marsh, in the central Pacific) was a MUCH better
performer
than the 80m loop with 1/8 wave vertical sides in the Atlanta back yard.
It worked well on 160 too. A plain old trap vertical fed against the tin
roof was wonderful
on 40-10 from this and another Pacific location.

I suspect a loaded vertical dipole of 1/8 wave overall, over average ground, without
radials (say in my back yard) would not work as well as the loop, but haven't tried it.

I live in the city with a lot of noise generated in the near field and given the dimensions
of the house lot, available natural supports, and antenna funds, the vertical loop is
by far the best bargain in terms of performance for $ spent.

-bob

Date: Thu, 7 Dec 2000 11:25:06 -0500
From: morehouset@tncc.cc.va.us
To: qrp-l@Lehigh.EDU
Subject: [85666] USS Wisconsin Special Event
Message-ID: <3B5A96A5F31AD4118D8900508BC273F0BCD97C@TNMAIL>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

The USS Wisconsin Radio Club will make its debut under callsign N4WIS during a four-day special event from the Nauticus National Maritime Museum in Norfolk, Virginia, December 7-10. This event commemorates the 59th anniversary of the attack at Pearl Harbor, and marks the permanent berthing of the Wisconsin at the Nauticus Museum. Operations from the museum will be on CW and SSB 40-10 meters (7035, 10110, 14035, 18078, 21035, 28035, 7235, 14210, 18120, 21260) as well as 2 meter FM (146.970). Times 1300-2200 UTC (0800-1700 EST). Other off site operation by the club on additional ham bands during other hours using the N4WIS callsign is planned. A commemorative QSL or certificate will be available.

USS Wisconsin alumni or other interested hams, particularly those with a Navy or WWII background, are invited to join the USS Wisconsin Radio Club as associate members.

The USS Wisconsin (BB-64) is the last and largest of the US Navy's battleships. She has had a distinguished career following her commissioning in 1943, serving in the Pacific in WWII as well as seeing action in Korea and Desert Storm. She is eighteen stories tall, mounts nine 16-inch guns, and is over 900 feet in length. On 7 December, she will become a permanent exhibit at the Nauticus National Maritime Museum in a ceremony attended by the governors of both Wisconsin and Virginia as well as by a host of senior Navy officials.

The USS Wisconsin Radio Club is the brainchild of Elias

"Bus" Etheridge, K4IX, a ham since 1936, who served with distinction as a Naval officer during WWII. The staff of the Nauticus Museum and the USS Wisconsin Foundation have been most supportive of the club's efforts, and it is anticipated that the Radio Club will become a part of the permanent USS Wisconsin installation.
For information contact: Bus, K4IX (k4ix@arrl.net), Carey KT4P (cbrown@exis.net), or Don W4ZYT (w4zyt@exis.net).

73,

K4AEN

Date: Thu, 7 Dec 2000 08:25:59 -0800 (PST)
From: Gary Slagel <gdslagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [85667] wtb: sw20
Message-ID: <20001207162559.4922.qmail@web205.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hey guys!

I'm trying to ease my dad back into ham radio for xmas. Told him I could set him up with a little radio that he could operate from his easy chair.

Anyone have an sw20+ that they'd like to part with for about 80/90 bucks?

Thanks & 73, Gary

=====
Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: http://marina.fortunecity.com/sanpedro/351

____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

Date: Thu, 7 Dec 2000 16:53:03 -0000
From: "Walter D Amos" <waltk8cv@surfree.com>

To: "Posts Qrp-l" <qrp-l@lehigh.edu>
Subject: [85668] Free ..... logging software!
Message-ID: <001901c0606e$2bb93140$9e891b26@waltamos>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

http://www.allcomm.co.ui/~cuz/

Walt Amos K8CV Royal Oak, MI k8cv@arrl.net

Date: Thu, 07 Dec 2000 09:21:11 -0800
From: Phil Wheeler <w7ox@earthlink.net>
To: n7ceeqrp@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85669] Re: Palm OS contest logger?
Message-ID: <3A2FC707.CAD5B810@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Grubbs wrote:
>
> Is anyone aware of a contest logging program for the Palm OS? I'm looking
> to replace my venerable HP 100lx palmtop with a Visor or something.
>

None I'm aware of, and I do watch such matters (I have three Palms, a
Palm Portable Kbd, etc.). At some time a ham logging program was
written, and a contest logger may escaped my notice.

The best url to check is:

http://www1.palmgear.com/

which has a very good search capability.

73, Phil W7OX

Date: Thu, 07 Dec 2000 08:36:41 -0900

From: Frank W Henrikson <kl0sw@pobox.alaska.net>
To: qrp-l@listserv.cc.lehigh.edu
Subject: [85670] WTB: SW-160
Message-ID: <3A2FCAA9.B59168@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Looking for a SW-160 in any condition?

Thanks

Frank KL0SW
Soldotna Alaska

Date: Thu, 7 Dec 2000 09:48:21 -0800 (PST)
From: Doug Simpson <dsimpson@darkwing.uoregon.edu>
To: Walter D Amos <waltk8cv@surfree.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85671] Re: Free ..... logging software!
Message-ID: <Pine.GSO.4.21.0012070944570.9717-100000@darkwing.uoregon.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's an updated link to the logging software mentioned:

  http://www.winlog.co.uk/

They've evidentally been moving things about, a bit. Haven't downloaded or
tried it in any way, wedded as I am to my keyboard this week. :(

Doug S. -- WA7SKY
...*QWERTY* is my middle name...

On Thu, 7 Dec 2000, Walter D Amos wrote:

> http://www.allcomm.co.ui/~cuz/
>
> Walt Amos K8CV Royal Oak, MI k8cv@arrl.net
>

Date: Thu, 07 Dec 2000 11:48:41 -0600
From: Michael Melland <badger@vbe.com>
To: qrp-l@Lehigh.EDU
Subject: [85672] Was Palm Logging - Ham Radio and the Palm OS
Message-ID: <NEBBLKAGEKBNGELOFFCAMECFCAAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit

For those interested, I found this Amateur Radio Palm OS software site a
while back. Has some interesting program links and logging program links.

72 de Mike

--
Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 07 Dec 2000 09:51:28 -0800
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [85673] The QRP Challenge
Message-ID: <2.2.32.20001207175128.00efa858@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I received the following email and thought it might be

best to turn to the list with this one.

Lets show this future ham what this QRP stuff is all

about.

Please email him at: greko_s@yahoo.ca with your comments

and suggestions, Thanks,,,

Jerry...WA6OWR...k

RE:

Date: Thu, 7 Dec 2000 02:27:37 -0500 (EST)
From: Sam Paras <greko_s@yahoo.ca>
Subject: QRp questions for the beginner
To: jparker@fix.net

Hello i was interested in QRP for about a month now,,
ive been on cb radio for about 2 years(blech!!) i want
to know the basics of QRP please hold strong. i have
some questions.. i want to know if you can transmit
voice over QRP for instance the pixie projects the
small QRP transmitters that are the size of your hand.
can you actually Transmit voice with it?? if so how
far have you actually made a communication. Secondly
where can i buy on-line that are ready made that cost
under 90$??(Us.) thirdly do you have any schematcis
or links to any that are for the Absolute beginner i
want to get my Ham radio liscence within 5 months..
and am VERY interested in the fact that you can
communicate long distances with only 9 volts Please
and Thank you in advance. Sam. Paras toronto Ontario Canada.

____
Do You Yahoo!?
Get your free @yahoo.ca address at http://mail.yahoo.ca

Date: Thu, 07 Dec 2000 11:50:00 -0600
From: Michael Melland <badger@vbe.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [85674] Ham Palm Software URL..... ooops
Message-ID: <NEBBLKAGEKBNGELOFFCAAECGCAAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit

For those interested, I found this Amateur Radio Palm OS software site a
while back. Has some interesting program links and logging program links.

http://www.qsl.net/va3pkh/palm-ham.html

72 de Mike

--
Michael Melland, W9WIS

QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 7 Dec 2000 13:34:24 +0000
From: "Steven Weber" <kd1jv@moose.ncia.net>
To: qrp-l@lehigh.edu
Subject: [85675] anttennas
Message-ID: <200012071809.NAA24619@wolf.ncia.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Well, this is rathier subjective, but inevitably, the strongest QRP
stations I work say they have a full wave loop. The weakest have end
feed long or random wire.

Of couse, what you use is determinded by what you can get in the air.
The bottom line is radiating any signal is better than none at all!

72,
Steve, KD1JV in the white Mountains of New Hampshire
"melt solder"

Date: Thu, 07 Dec 2000 10:14:17 -0800
From: Russ Carpenter <russ@natworld.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [85676] Results of the DECEMBER SPARTAN SPRINT
Message-ID: <B6551379.619A%russ@natworld.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Old Man Winter had his icy grip on the upper atmosphere for the December
Spartan Sprint. 20 meters sputtered a little, and then pooped out. All the
sprinters trooped over to 40 meters, but, for some unknown reason, no one is
trying 80 meters these days. Strange, because 80 meters can be dynamite at
this time of year.

Each contact received one point. If you didn't tell us the weight of your
station, or if your station weighed more than an iceberg from the Weddell
Sea, we assigned a weight of 30 pounds.

The soapbox has been published separately in the December issue of The ARS Sojourner, which went live today. Don't miss it!
http://www.natworld.com/ars.

THE SKINNY DIVISION (results sorted in order of points per pound)

Call	Name	80m	40m	20m	15m	10m	Total Qs	Wt.	Qs/ Pound
K7TQ	Randy	0	26	0	0	0	26	1.1	23.6
AA4XX	Paul	0	28	11	0	0	39	3.5	11.1
K4FDK	John	0	14	0	0	0	14	1.4	10.0
N0SXX	Gary	0	2	13	0	0	15	1.6	9.4
N7XJ	Bob	0	47	0	0	0	47	5.1	9.2
K4AVX	John	0	9	0	0	0	9	1	9.0
N5HAY	Dick	0	21	0	0	0	21	2.5	8.4
KO4WX	Mike	0	10	0	0	0	10	1.5	6.7
N7RVD	Brian	0	0	6	0	0	6	1.1	5.5
WE6W	Ed	0	25	12	1	0	38	7	5.4
N5IW	David	0	50	5	0	0	55	10.2	5.4
VE3SMA	Steve	0	5	0	0	0	5	1.2	4.2
WD7Y	Ed	0	19	10	0	0	29	7	4.1
N0IBT	Dave	0	17	4	0	0	21	6.5	3.2
K4KJP	Terry	0	13	0	0	0	13	4.5	2.9
W1PID	Jim	0	2	6	0	0	8	3.2	2.5
AC7CF	Andrew	0	8	0	0	0	8	3.3	2.4
VE3FAL	Fred	0	13	0	0	0	13	6	2.2
K4FB	Paul	0	11	0	0	0	11	6	1.8
N7LT	Lyndel	0	22	24	0	0	46	30	1.5
W5RXP	Rich	0	6	16	0	0	22	17	1.3
NN5M	Eric	0	32	6	0	0	38	30	1.3
K7RE	Brian	0	26	11	0	0	37	30	1.2
KC8LTL	Kenneth	0	7	0	0	0	7	8	0.9
N9AW	Jerry	0	25	1	0	0	26	30	0.9
N7AC	Tom	0	13	10	0	0	23	30	0.8
W2BVH	Lenny	0	5	0	0	0	5	7	0.7
K5HWT	Morgan	0	0	1	0	0	1	1.4	0.7
VE3FFK	Mike	0	3	2	0	0	5	8	0.6
WA4DOU	Roy	0	18	0	0	0	18	30	0.6
KB8X	Mike	0	7	0	0	0	7	12	0.6
VE3XT	Bill	0	17	0	0	0	17	30	0.6
AA7EQ	Robert	0	10	5	0	0	15	30	0.5
KH6B	Dean	0	2	0	0	0	2	4.5	0.4
AE6N	Jim	0	0	13	0	0	13	30	0.4
KB9LCK	Chris	0	12	1	0	0	13	30	0.4
KA8LLE	Ben	0	7	5	0	0	12	30	0.4
W4NJK	Charlie	0	6	5	0	0	11	30	0.4
N5WL	Bart	0	10	0	0	0	10	30	0.3

WF6D	Bill	0	5	2	0	0	7	30	0.2
AF4PS	Mac	0	13	6	0	0	19	308	0.1

THE TUBBY DIVISION (results sorted in order of points)

Call	Name	80m	40m	20m	15m	10m	Total Qs
N5IW	David	0	50	5	0	0	55
N7XJ	Bob	0	47	0	0	0	47
N7LT	Lyndel	0	22	24	0	0	46
AA4XX	Paul	0	28	11	0	0	39
WE6W	Ed	0	25	12	1	0	38
NN5M	Eric	0	32	6	0	0	38
K7RE	Brian	0	26	11	0	0	37
WD7Y	Ed	0	19	10	0	0	29
N9AW	Jerry	0	25	1	0	0	26
K7TQ	Randy	0	26	0	0	0	26
N7AC	Tom	0	13	10	0	0	23
W5RXP	Rich	0	6	16	0	0	22
N5HAY	Dick	0	21	0	0	0	21
N0IBT	Dave	0	17	4	0	0	21
AF4PS	Mac	0	13	6	0	0	19
WA4DOU	Roy	0	18	0	0	0	18
VE3XT	Bill	0	17	0	0	0	17
AA7EQ	Robert	0	10	5	0	0	15
N0SXX	Gary	0	2	13	0	0	15
K4FDK	John	0	14	0	0	0	14
AE6N	Jim	0	0	13	0	0	13
VE3FAL	Fred	0	13	0	0	0	13
K4KJP	Terry	0	13	0	0	0	13
KB9LCK	Chris	0	12	1	0	0	13
KA8LLE	Ben	0	7	5	0	0	12
K4FB	Paul	0	11	0	0	0	11
W4NJK	Charlie	0	6	5	0	0	11
N5WL	Bart	0	10	0	0	0	10
KO4WX	Mike	0	10	0	0	0	10
K4AVX	John	0	9	0	0	0	9
W1PID	Jim	0	2	6	0	0	8
AC7CF	Andrew	0	8	0	0	0	8
WF6D	Bill	0	5	2	0	0	7
KB8X	Mike	0	7	0	0	0	7
KC8LTL	Kenneth	0	7	0	0	0	7
N7RVD	Brian	0	0	6	0	0	6
W2BVH	Lenny	0	5	0	0	0	5
VE3FFK	Mike	0	3	2	0	0	5
VE3SMA	Steve	0	5	0	0	0	5

KH6B	Dean	0	2	0	0	0	2
K5HWT	Morgan	0	0	1	0	0	1

****

Thanks for supporting The Adventure Radio Society!

Russ Carpenter, AA7QU
Contest Manager

Date: Thu, 7 Dec 2000 13:43:26 -0500
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [85677] Dec. 7, 1941 W1AW message
Message-ID: <v03110702b65588c2d3d0@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/enriched; charset="us-ascii"

This seems appropriate to post today. The text is from the original
copy from the estate of Manny Fernandez, W4SM (SK).

72,

Rick kf4ar

<fontfamily><param>Geneva</param><smaller>RECEIVED BY W4SM 11:15 PM EST
12-7-1941

QST SPECIAL TO ALL RADIO AMATEURS

FROM W1AW 9:35 PM EST DEC. 7, 1941

BY ORDER OF THE FCC ALL AMATEUR RADIO OPERATION IN THE CONTINENTAL
UNITED STATES ITS TERRITORY AND POSSESSIONS IS HEREBY PROHIBITED UNTIL
FURTHER NOTICE EXCEPT FOR STATIONS SPECIFICALLY AUTHORIZED BY FEDERAL
STATE AND MUNICIPAL AUTHORITY IN CONNECTION WITH EMERGENCY MATTERS
STOP

THIS IS A PRECAUTIONARY AND TEMPORARY CLOSE DOWN PENDING EXAMINATION OF
THE AMATEUR SITUATION WITH FURTHER WORD PROMISED WITHIN 48 HOURS STOP

LEAVE ANTENNAS UP AND DO NOT DISMANTLE RIGS STOP

IN CASE OF LOCAL COMMUNICATIONS EMERGENCY AMATEURS REQUESTED BY LOCAL
AUTHORITY MAY OPERATE FOR THAT PURPOSE STOP

LOOK TO W1AW FOR FURTHER INFORMATION AR

QST

</smaller></fontfamily>

Date: Thu, 7 Dec 2000 13:45:51 EST
From: Macstein@aol.com
To: russ@natworld.com, qrp-l@lehigh.edu
Subject: [85678] Re: Results of the DECEMBER SPARTAN SPRINT
Message-ID: <b4.e49b10a.276134df@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

HAHAHAHAHAAH!! I think it should have been 3.8 instead of 308 lbs. I AM
gaining a little weight but, this cracked me up!!! Lots of fun Russ! Thanks.

72
-MAC-
AF4PS
Odessa, FL "Home of the Infamous Attic Dipole" and K2 #643

QRP-L #704, FISTS #5096, CC #754, NorCal #1998, Zombie #510,
ARCI #9843, AR QRP #257, HI QRP #83, Whiners #5, SOC #28,
West FL QRP, TARC, ARS #751, Flying Pig QRP #-51
and various other annual $15 commitments.

Date: Thu, 7 Dec 2000 13:50:47 -0500

From: "Tim Cook" <timcook@erinet.com>
To: "QRP" <qrp-l@lehigh.edu>
Subject: [85679] FS: Small MFJ Random Wire Tuner/ audio filter
Message-ID: <009a01c0607e$9d057420$9f785acf@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

MFJ -16010 random wire tuner some scratches, but works great , very small, just and inductor and capacitor, reverse the connections for HI-Z and LOW-Z antennas.
$20 shipped in the lower 48

Datong FL-2 Audio Filter, works great, very high quality audio filter, HP/LP/BP/ Notch , RTTY/CW/SSB /AM
$50 shipped in the lower 48

tim
NZ8J

Date: Thu, 7 Dec 2000 14:02:01 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <kd1jv@moose.ncia.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85680] Re: anttennas
Message-ID: <200012071901.OAA31728@atlnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 12/7/00 8:34, Steven Weber at kd1jv@moose.ncia.net wrote:

>Well, this is rathier subjective, but inevitably, the strongest QRP
>stations I work say they have a full wave loop. The weakest have end
>feed long or random wire.

Much of my early hamming was done with a long / random wire. I found that a balanced antenna, such as a dipole or full-wave loop works a lot better.

>Of couse, what you use is determinded by what you can get in the air.
>The bottom line is radiating any signal is better than none at all!

One of the founders of Force 12 antennas has a talk entited "Everything Works." It was recently published in QST. He even went to the trouble of feeding a 150 watt light bulb and making a few contacts with it. (the

bulb was balun-fed to prevent feedline radiation...)

Yes, everything works, and some this work better than others.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
  -- Wilbur Wright, 1901

Date: Thu, 7 Dec 2000 12:03:52 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [85681] help with cable ID pls
Message-ID: <OE51aJswFCHOzyfyz5b0000a0ed@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A little "dumpster diving" turned up some interesing coax, it is
marked:

E-54411 UNICABLE TYPE CLP 125 DEG C 20 AWG (UL) (STYLE RG58)

It has a clear colored jacket and is about 4mm in diameter.

Ideas? No doubt it is 50 ohm hi temp stuff, but its small DIA has me
wondering about it's loss characteristics. The clear jacket is also
intriquing. No luck yet with google.com....

73, Rod N0RC
Ft Collins CO

Date: Thu, 7 Dec 2000 13:26:51 -0500
From: "Tracy" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.EDU>
Subject: [85682] Loops, Ladder Line, BALUNs and TVI (long ...)
Message-ID: <NCBBICHAOKICOGKIDOOGAEFNEBAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built several large loops for the 'top band' 160m. I found some very
interesting results when I was putting them together.

First off, I want to mention that just because you are using '450 ohm' ladder line, doesn't mean that 450 ohms is being presented at the end of the line. People have been very creative in getting impedance transformations using simply the length of the ladder line to adjust for a good match at the transmitter. If your balanced line is an electrical wavelength (or multiple of a quarter?) the line should present the same impedance at the transmitter as the antenna presents to the line.

That's probably why some folks get such strange and undesirable results from using a 'BALUN' to feed certain types of antennas using balanced lines.

In the case of my loop, I found that when I cut it to a length that made my field strength meter move the most, it's feed point impedance was about 100 ohms. I could cut it so that there was no mismatch showing on the SWR meter, but it didn't work as well as when it had about a 2:1 match.

I had originally fed the loop with a random length of RG58U coax. My first attempt to get a better match (and a little more usable bandwidth ...) was by using a calculated length of RG11U 75 ohm coax. I think after velocity etc. the cable came out to 82 feet, which was way more than I needed to feed the antenna. This increased my less than 2:1 bandwidth to about 40 KC.

My next try was by using a commercial 2:1 ferrite BALUN transformer that worked great for years. Gave me about 75 KC at less than 2:1 and I was able to tune the loop for the best field strength reading without upsetting the transmitter. It was fed with a random length of RG8.

The best performance I ever got out of that antenna however was when I decided to feed it with 450 ohm 'Ladder' line. I used a 1:1 ferrite BALUN at the transmitter and trimmed the line until I got a match below 2:1. Never got it much below 1.78:1 but man did it perform! Most of my buddies thought I had purchased an amplifier. I should have tried the 2:1 BALUN at the transmitter but I didn't want to use that much line.

On 160 I never used a tuner, but I used this antenna, with all feed configurations, on all the bands with a 'tuner.' It did indeed get quite directional on the higher frequencies, so I adjusted the feed point that it was opposite from the side facing Europe.

Best antenna I ever used ... even after I put up some really good tower mounted antennas I still used the loop for receiving because of it's low noise characteristic. If I had the land, or relationships with my neighbors, I'd certainly put up another one of these antennas. It was the catalyst that got me into QRP - I was so into the performance of the antenna I wanted to see how low I could go and still talk to my regulars.

To close, the antenna was roughly 525 feet of copperweld wire at an average

height of about 25 feet. It was 40 feet up at one section. It was set in a 'pinched' oval construction.

Boy I miss that antenna!
Tracy N4LGH

Date: Thu, 7 Dec 2000 14:27:07 EST
From: SABorns@aol.com
To: qrp-l@lehigh.edu
Subject: [85683] For Sale: QRP Rigs
Message-ID: <28.e194d69.27613e8b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"
Content-Transfer-Encoding: quoted-printable

The time has come to simplify both my life and hamshack. =A0All of the=20
equipment listed below were built by me, are in like new conditon, and are=20
complete with manuals. =A0Prices include US shipping.

1. Sierra (Wilderness Radio) w/KC-2, Buzznot, 40, 30, 20, 15, 17 meter band=20
=A0=A0=A0

Date: Thu, 7 Dec 2000 13:41:07 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [85684] Re: help with cable ID pls
Message-ID: <OE37wcBi5jFnjt2CaGa00009db5@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, December 07, 2000 12:03 PM
Subject: help with cable ID pls

> A little "dumpster diving" turned up some interesing coax, it is
> marked:
>
> E-54411 UNICABLE TYPE CLP 125 DEG C 20 AWG (UL) (STYLE RG58)
                          ^^^

Make that CL2P, Seems to be an industry marking for plenum rated wire,
see:

http://www.keystonewire.com/cl2p_plenum_rated.htm

-rc-

Date: Thu, 7 Dec 2000 13:16:34 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: qrp-l@lehigh.edu
Cc: russ@natworld.com
Subject: [85685] Now Showing: The ARS Sojourner
Message-ID: <20001207211634.1646.qmail@web209.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The December edition of the Adventure Radio Society's monthly web
magazine - The ARS Sojourner - has been posted on the organization's

web site and is just a link away at:

http://www.natworld.com/ars

This edition is not only a first-rate closeout of the millenial year, but also announces a dramatic change in compass heading for ARS' technical tack.

With the help of ARS Lab director Russ Carpenter, AA7QU, you'll find the thought and philosphy behind our new direction. Here's a sampling from The ARS Sojourner index.

+ From our Vantage Point: Switching to a Higher Gear
+ The ARS Lab Introduces the Crud Table
+ The ARS Lab Introduces the Receiver Factor
+ The ARS Lab Reviews the Elecraft K-1 Transceiver

Also in the December edition:

+ Building From Schematics: Prototyping Systems Compared
+ An ARS Adventure: Ham Radio and Black Holes, By Bill Jones, KD7S
+ CW From the Field: The Importance of Morse by the Book, by Dave Fischer, NC7W/W7FB
+ Results and soapbox comments from the December Spartan Sprint
+ Wilderness Alerts for December 2000
+ Our Readers Write: Letters to The ARS Sojourner
+ Who's Who And Who's New: New Members of the Adventure Radio Society, by Richard Fisher, KI6SN
+ Upcoming ARS events, including the January '01 Spartan Sprint

In addition, we're proud to announce that veteran author, outdoorsman and QRPer Bruce Grubbs, N7CEE, has been named a contributing editor to The ARS Sojourner.

On behalf of the magazine staff and our member-contributors, we hope you enjoy this year-ending edition. And as always, your suggestions, comments and criticisms are most welcome.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
Riverside, CA

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.

http://shopping.yahoo.com/

Date: Thu, 7 Dec 2000 16:20:43 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [85686] RE: Lost another possible QRP'er
Message-ID: <LPBBJAGIPFHKPJENAKLOEEJBDCAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----
> From: Dave Fifield
> Sent: Thursday, December 07, 2000 2:38 AM
>
> Here we go again.....
>
> Sir, this is one of the most well mannered and polite email reflectors
> on the whole of the internet! Just check some of the other lists
> (don't just assume) and see what's going on in the rest of the world.

         [snip]

 ... amen ... the last 'brouhaha' was hardly more than a choir boy scuffle ... I would ask the guy to take another look. I never cease to be amazed at how easily people are turned off ... but the reality is it is more likely to be his loss than ours ... its like I said to one of my would-be juvenile deliquents at my high school here in NW Vermont the other day "You think you are so tough! I taught at an inner city HS in Camden, NJ. My smallest wimp from there would eat you up and spit you out after breakfast!" As flamewars go what happens here occasionally doesn't even raise the ambient temperature 5 degrees!

  On its worst days this list is informative and enlightening on its best days its worth every second of every minute of the hour it can take to wade through all the posts.

72 de brian, n1bq

--
N1BQ-3 @ 44 31.73N 072 51.55W
WideN-N digi and weather station in Underhill Center, VT
mailto:n1bq@wulfden.org
AMSAT LM-1418   NJQRP #274
QRP-L #2276   Zombie #768

Date: Thu, 7 Dec 2000 16:31:04 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <nk7m@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [85687] RE: FYBO Rules
Message-ID: <LPBBJAGIPFHKPJENAKLOMEJBDCAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----
> From: Bob Hightower
> Sent: Thursday, December 07, 2000 9:24 AM
> To: Low Power Amateur Radio Discussion
> Subject: RE: FYBO Rules
>
>
> At 09:10 PM 12/6/2000 -0500, you wrote:
       [snip]
>> I was thinking of trying to get some
>> Novice/Tech+/Tech with code tooperate with some
>> General/Extra's looking over their shoulders ... how
>> about a Nov/Tech category?? or even make it a freebe
>> add-in a la Field Day.
>
> OK, we'll add a N/T category. So we now have single op
> (home/field), multi op (home/field) and N/T categories.

  Is that a simple "Nov/Tech" or "Nov/Tech (home/field) ???
  assumed multi-op

Date: Thu, 07 Dec 2000 16:03:24 -0500
From: "John P. Cummins, Sr." <jpcummins@att.net>
To: NOGA QRP <nogaqrp@qth.net>, qrp-l Server <qrp-l@Lehigh.EDU>
Subject: [85688] QRP Stocking Stuffers

Message-ID: <3A2FFB1C.702E2EEF@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Need one more little thing for the OM's stocking..?

Get a couple of NoGa PiG's (Power Indicator/Guard). Only $13 + $2 s/h.

Check out the NoGa Web Page at:

http://www.qsl.net/nogaqrp

order from:

North Georgia QRP Club
P.O. Box 173
Grayson, GA 30017

We can get it to you by Christmas if you order now...!!!

Pickett, AD4S

Date: Thu, 07 Dec 2000 15:43:16 -0600
From: Michael Melland <badger@vbe.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [85689] [Cub Fox] Any make-up
Message-ID: <NEBBLKAGEKBNGELOFFCAEEDCCAAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit

--
Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 07 Dec 2000 15:46:33 -0600
From: Michael Melland <badger@vbe.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [85690] [Cub Fox] Make-up Session ?

Message-ID: <NEBBLKAGEKBNGELOFFCAIEDCCAAA.badger@vbe.com>
MIME-version: 1.0
Content-type: text/plain;   charset="iso-8859-1"
Content-transfer-encoding: 7bit

What's the definitive word regarding last night's Cub Fox ? I believe that
something must have come up and N0IT was otherwise occupied..... hope all is
well with him.

72 de Mike
--
Michael Melland, W9WIS
QRP-L #1656 QRPARCI #9875
SOC #142 IPARC #252
EN54pc Winnebago Cty, Wisc.

Date: Thu, 7 Dec 2000 14:51:08 -0700
From: "Rod Cerkoney" <n0rc@hotmail.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [85691] coax connectors
Message-ID: <OE71YILoygXLsxpTljB00004f6d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;   charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A very long time ago I asked about BNC's for RG-174 cable. I found
some:

http://www.cablexperts.com/cfdocs/cat.cfm?ItemGroup=15&itmsub=2&bskt=0
&c=0

On this page will also be found BNC, SMA and TNC for other cables
sizes! Good prices to boot!! I've ordered wire form Cablexperts,
they're good folks to deal with.

73, Rod N0RC
Ft Collins CO

Date: Thu, 07 Dec 2000 15:03:32 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: n1bq@wulfden.org
Cc: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [85692] RE: FYBO Rules

Message-ID: <200012072158.OAA02870@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

OK, let's not get too complicated. N/T ops, single or all N/T multi-op, must work in the portion of the band allowed them. N/T ops working as part of a multi-op group can work in any portion of the band permitted by the class of the multi-op call being used.

At 04:31 PM 12/7/2000 -0500, you wrote:
>
>
>> -----Original Message-----
>> From: Bob Hightower
>> Sent: Thursday, December 07, 2000 9:24 AM
>> To: Low Power Amateur Radio Discussion
>> Subject: RE: FYBO Rules
>>
>>
>> At 09:10 PM 12/6/2000 -0500, you wrote:
>   [snip]
>>> I was thinking of trying to get some
>>> Novice/Tech+/Tech with code tooperate with some
>>> General/Extra's looking over their shoulders ... how
>>> about a Nov/Tech category?? or even make it a freebe
>>> add-in a la Field Day.
>>
>> OK, we'll add a N/T category. So we now have single op
>> (home/field), multi op (home/field) and N/T categories.
>
> Is that a simple "Nov/Tech" or "Nov/Tech (home/field) ???
> assumed multi-op
>

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

http://www.extremezone.com/~nk7m

Date: Thu, 07 Dec 2000 14:05:36 -0800
From: Elda & Doug Wilson <ewilson@nccn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85693] pacemaker - RF

Message-ID: <3A3009AF.A11AF948@nccn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit

I have a ham friend that recently received a pacemaker. He told me
his doctor informed him that he could not operate his radio
equipment.

I also have a heart condition that is worsening and my cardiologist
told me that a pacemaker would probably be the next step. I am not
ready to give up ham radio and wonder if others on this list have
had a similar experience and can give me some information?

Thanks,

Doug Wilson   k6rpn
Grass Valley, CA

Date: Thu, 07 Dec 2000 17:18:44 -0500 (EST)
From: Rich Mulvey <mulveyr@iname.com>
To: qrp-l@lehigh.edu
Subject: [85694] RE: pacemaker - RF
Message-ID: <XFMail.001207171844.mulveyr@iname.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 07-Dec-00 Elda & Doug Wilson wrote:
> I have a ham friend that recently received a pacemaker. He told me
> his doctor informed him that he could not operate his radio
> equipment.
>
> I also have a heart condition that is worsening and my cardiologist
> told me that a pacemaker would probably be the next step. I am not
> ready to give up ham radio and wonder if others on this list have
> had a similar experience and can give me some information?

   While the people on QRP-L are certainly helpful in a lot of respects, I'm not sure that this is the right forum for requesting medical advice... every

patient is different. Just because someone else with a pacemaker operates a radio without a problem doesn't mean that you won't have a problem.

   There are some cases where you are far better off getting information in person, by the trained professional who knows the details of your case - and medical advice is one of them.

- Rich

--
Catapultam habeo. Nisi pecuniam omnem mihi dabis, ad caput tuum saxum immane mittam.

Date: Thu, 7 Dec 2000 17:37:39 -0500
From: "Brian B. Riley, N1BQ" <n1bq@wulfden.org>
To: <mulveyr@iname.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [85695] RE: pacemaker - RF
Message-ID: <LPBBJAGIPFHKPJENAKLOOEJFDCAA.n1bq@wulfden.org>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> -----Original Message-----
> From: Rich Mulvey
> Sent: Thursday, December 07, 2000 17:19 PM
>
> On 07-Dec-00 Elda & Doug Wilson wrote:
> > I have a ham friend that recently received a pacemaker. He told me
> > his doctor informed him that he could not operate his radio
> > equipment.
> >
> > I also have a heart condition that is worsening and my cardiologist
> > told me that a pacemaker would probably be the next step. I am not
> > ready to give up ham radio and wonder if others on this list have
> > had a similar experience and can give me some information?
>
>   While the people on QRP-L are certainly helpful in a lot
> of respects, I'm not sure that this is the right forum for requesting
> medical advice... every patient is different. Just because someone
else
> with a pacemaker operates a radio without a problem doesn't mean
> that you won't have a problem.

>
>   There are some cases where you are far better off getting
> information in person, by the trained professional who knows the
details of
> your case - and medical advice is one of them.

 Generally speaking this is a sound piece of advice. But I must add that too often these caveats are handed out as broad spectrum advice by people who know squat about radio. What is needed is the advice of a medical technologist/biomedical engineer who can say specifically what intensity RF fields will dangerously impact the operation of a pacemaker and then one would need to evaluate the operating circumstances of the person. It may very well be that a QRP rig might fine all by itself. Or that a QRP Rig with key and headphones on 6-8 foot leads with ferrite chokes could create a safe operating environment. I don't know ... but I am willing to bet 98% of the doctors giving such advice don't know either!

Date: Thu, 07 Dec 2000 15:52:15 -0700
From: Bob Hightower <nk7m@extremezone.com>
To: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [85696] N/T Ops in FYBO
Message-ID: <200012072246.PAA21882@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tom Hammond N0SS corrected my note about the N/T Ops....

"Limited to the class of the CONTROL OPERATOR...!!! N/T ops at an Extra class station must still operate on N/T bands unless the extra class op is PRESENT as the control op."

Thanks, Tom, for clearing up my senior moment.

Bob Hightower NK7M
Chandler, AZ
SOC #20
K2 #157/255, K1 #41

http://www.extremezone.com/~nk7m

Date: Thu, 07 Dec 2000 17:02:11 -0600
From: K1OJ <k1oj@ditdit.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [85697] Pacemakers and RF
Message-ID: <00da01c060a1$bd609b00$bca2bfd0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Howdy from Texas,
For a definitive answer on the question of the effects of RF energy on pacemakers, you need to contact the manufacturer of the device. There are many, and only the manufacturer of the particular device in question can give you the actual specifications. Most doctors choose a product based on two criteria, 1) reliability, 2) cost. The question of reaction to RF never enters the formula. You need to do your own research before it is an emergency and talk to the manufacturers. Choose one or two that seem to have the best specifications and then approach your doctor with what you have found out and ask his opinion. If you find a particular model and manufacturer that have good RF immunity and have the blessing of your doctor, have your medical records annotated to indicate your choice.
Hope this helps.
ditdit

OJ---K1OJ
Cardio-Vascular Equipment Service Engineer
Houston, Texas

Reply to:
k1oj@ditdit.com
k5oj@ditdit.com

Reply to:
k1oj@ditdit.com
k5oj@ditdit.com

Date: Thu, 07 Dec 2000 23:13:55
From: "Larry Wise" <lewise@txwises.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [85698] 10M PSK31 activity
Message-ID: <200012072313.RAA00765@aoot.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Several stations just above 28.120 mhz

Larry KA5T
Georgetown, Texas

Date: Thu, 07 Dec 2000 15:38:00 -0800
From: Barry Tepperman <btepp@pacbell.net>
To: qrp-l@Lehigh.EDU
Subject: [85699] re - RF and pacemakers
Message-ID: <000001c060a6$c3e9f020$d23d68cf@barryfac>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Well - off topic for the list but a good topic nonetheless. Valid points being made - most doctors will give this kind of advice broad-spectrum without really knowing what it means - because by and large they don't understand it. Every patient is different - but pacemakers by and large are thought universally to be susceptible to therapeutic doses of ionizing radiation given directly to the pacemaker AND to the high-power microwave pulses used to generate them. (Thus the warning around microwave ovens.)

>From the point of view of ham radio, those working with intense pulsed UHF/microwave fields are those most likely to find their pacemakers misfunctioning. The literature points to a risk for those within 2000 ft of a high-power pulsed 200-500 MHz radar unit (Aerospace Medicine 2/74, p. 189). The relevant literaure is summarized in report #45 of the American Association of Physicists in Medicine (July 1994). HF - especially at low power levels - is not likely to produce any significant effect, and I (for one) would tell my patients not to worry about it.

72 73
Barry Tepperman AC4US

Barry Tepperman MD MBA FACR
Director, Radiation Oncology,
St. Teresa Comprehensive Cancer Center,
Stockton, CA

QRP-3161
http://www.qsl.net/ac4us/

End of QRP-L Digest 2029
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